

Today's Biggest Welder Values

Give You
Widest Choice
of
Types & Sizes

DC } Rotating Type
AC } Rectifier Type
 } Weld-Power Type
 } Transformer Type

All with out-
standing features
and
performances



HOBART WELDERS



electric motor driven arc welders

Hobart Electric Drive Direct Current Arc Welders are designed primarily for production, maintenance and repair welding in large and small manufacturing plants. They are also used to advantage in many other shops and plants having 2 or 3 phase current. Standard machine is A.C. Motor Wound for 2 or 3 phase, 60 cycles, 220/440 volts or 550 volts A.C. Available with 50 or 25 cycle motor at additional charge. Also available with D.C. motor for 115 or 230 volts—or for 440 or 550 volts at additional charge.

Hobart is the leading choice of welding operators because of its versatility and "Simplified" Controls. Improved quality in the weld is often a direct result of the convenience features and exceptional arc stability that comes with these new Multi-Range models. Hobart's easy striking arc permits your own men to use the new Multi-Range Welder with its greater speed and higher quality welds. Hobart welders are used by all branches of the armed forces in the U.S.A. and overseas. The same strict specifications and high quality construction are built into the Hobart Welder you choose. You'll find it's the one welder that gives you superior performance with day-in and day-out economy of operation.



250 AMPERE "BANTAM CHAMP" ELECTRIC MOTOR DRIVEN ARC WELDER

This MZ (modified multi-range) type welder is specially designed for light to medium welding requirements. A popular model for all fabrication purposes in the 250 ampere class, where lighter weight and lower investment are of prime consideration. Meets average welding requirements and is built without sacrificing Hobart's traditional high quality construction.



Model Number	Type of Mounting	Motor Rating	Motor Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
				Amp.	Volt		L	W	H	
MZ-253-S	Stationary	10 Hp	3450	250	30	30 to 250	25 $\frac{1}{4}$ "	18"	25"	350
MZ-253-P	Portable	10 Hp	3450	250	30	30 to 250	*	*	*	410

*Portable mounting base 12" x 24". Height above ground 7". Ten-inch disc type steel wheels. Width over hub caps 24".

200 AMPERE ELECTRIC MOTOR DRIVEN ARC WELDER

For light to medium duty welding. Excellent for all fabrication purposes, sturdy and rugged enough to stand the gaff of continuous operation on light or medium production work. Its liberal design and conservative rating lets you do heavier welding work for limited periods of time. It has the same features as the larger Hobart electric drive welders including Multi-Range and Remote Control.



Model Number	Type of Mounting	Motor Rating	Motor Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
				Amp.	Volt		L	W	H	
MB-204-S	Stationary	15 HP	1750	200	40	30 to 300	38 "	18"	32"	660
MB-204-P	Portable	15 HP	1750	200	40	30 to 300	41 $\frac{1}{2}$ "	26 $\frac{3}{4}$ "	43 $\frac{1}{2}$ "	760

Model MBT-204 similar to MB-204 but especially designed for light gauge work, with a welding range of 5 to 300 amperes.



300 AMPERE ELECTRIC MOTOR DRIVEN ARC WELDER

For average welding requirements and is being used in thousands of plants for production, maintenance, repair, tool room work and all general shop welding. Its liberal design and conservative rating lets you do heavy duty welding for limited periods of time. This welder should be your choice for 9 out of 10 production welding jobs if you want superior performance and true economy.

Model Number	Type of Mounting	Motor Rating	Motor Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
				Amp.	Volt		L	W	H	
MB-304-S	Stationary	20 HP	1750	300	40	40 to 400	38"	19"	32 3/4"	755
MB-304-P	Portable	20 HP	1750	300	40	40 to 400	41 1/2"	26 3/4"	44 1/4"	855

400 AMPERE ELECTRIC MOTOR DRIVEN ARC WELDER

For heavy duty welding, and specially outstanding for large capacity and wide range. In fact, many users find the Hobart 400 ampere machine ample for work they used to consider called for a 600 ampere welder. The 400 ampere size is used extensively in heavy structural work, fabricating heavy machine parts, heavy pipe and tank welding and, in some cases, for cutting scrap and cast iron.

Model Number	Type of Mounting	Motor Rating	Motor Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
				Amp.	Volt		L	W	H	
ML-404-S	Stationary	25 HP	1750	400	40	50 to 500	41 1/4"	20 5/8"	34 7/8"	935
ML-404-P	Portable	25 HP	1750	400	40	50 to 500	45 1/8"	26 3/4"	46 1/4"	1035

600 AMPERE ELECTRIC MOTOR DRIVEN ARC WELDER

For extra heavy duty manual and automatic welding. In automatic welding, the welder must furnish power for the motor operating the automatic head, for the motor operating the handling fixtures, and for the welding arc. In addition, this welder is ideal for salvaging heavy castings for heavy duty manual welding, and for heavy duty scrap cutting with carbon or shielded metallic arc.

Model Number	Type of Mounting	Motor Rating	Motor Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
				Amp.	Volt		L	W	H	
MM-604-S	Stationary	40 HP	1750	600	40	70 to 800	46 3/4"	23 3/8"	36"	1425
MM-604-P	Portable	40 HP	1750	600	40	70 to 800	51 3/4"	26 3/4"	47"	1540

400-600-900 CONSTANT VOLTAGE DC ARC WELDERS

As a source of current supply for welding with the inert gas shielded arc, the submerged arc, and other automatic processes, this Constant Voltage type of DC Arc Welder assures best results. The sturdy, efficient design, special features and the outstanding performance of the Hobart Arc Welders are the result of many, many years experience in building Constant Voltage DC Generators.

Model No.	Frame Desig.	Motor Rating	Motor Speed RPM	Ratings			Max. Output Amps	No. of Poles	Brushes Overall Dimensions			Net Wt. Lbs.		
				Amp.	Volts	Duty Cycle			Main	Exciter	L			
*MCV-400S	4DW	25HP	60 Cyl. 1750 50 Cyl. 1450	400	3 to 48	100%	600	4	12	4	41 1/4	20 3/8	34	950
*MCV-600S	FW	40HP	60 Cyl. 1750 50 Cyl. 1450	600	3 to 48	100%	900	4	16	4	43	24	37	1235
*MCV-900S	6FW	60HP	60 Cyl. 1750 50 Cyl. 1450	900	3 to 48	100%	1200	6	24	4	46 3/4	24	37	1425

For information on welding equipment designed for automatic submerged arc welding, semi-automatic submerged and semi-automatic inert gas arc welding, write for more complete details.

300 AMPERE DC RECTIFIER ARC WELDER

If you want or prefer DC Rectifier type arc welding, you'll find this Hobart DC Rectifier unit as superior in its field as the famous Hobart Rotating Type and AC Transformer Welders in work for which they are suited. Check the features of the new Hobart Rectifier Arc Welder.

Model No.	Rated Output			Welding Range Amps.	No Load Volt	Amperes Input at Rated Load 220V	Amperes Input 220V	Dimensions			Net Wt. Lbs.
	Amp.	Volt	Duty Cycle					H	W	D	
RS-304-S	300	40	60%	35 to 425	72.5	58	5-15	52"	24 3/8"	26 5/8"	820





HOBART

gasoline engine driven arc welders

Hobart Gasoline Engine Drive Arc Welders are the most complete welder units available. Equipment on all standard models includes Push Button Electric Self-Starting, Battery Type Starting-Lighting-Ignition System, Fly Ball Governor, Idling Device, 1 KW Auxiliary Power Outlet, Engine Control Panel with Ignition Lock, Steel Fuel Tank, Ample Capacity Radiator with Steel Shell, and Multi-Range Dual Control Generator. They're mounted on Rigid Steel Skids with Lifting Eye and have a Steel Canopy with Hinged Steel Side Panels.

A Hobart Gasoline Engine Driven Arc Welder makes you independent of power source for in-the-field emergency repair jobs and construction work. Remote Control,* in addition to the many other exclusive Hobart features, comes without extra cost on all standard models. The best proof of Hobart's superior advantages and values, is comparison with others. Such proof is abundant, as evidenced by the vast percentage of Hobart users who have standardized on Hobart Welders after comparing their original machine's performance with others. For new convenience features plus extra speed and low cost welding operation, try Hobart.

*Remote Control available only on 10 range models.

200 AMPERE AIR COOLED, GAS ENGINE DRIVEN ARC WELDER

Without sacrificing Hobart's traditional high quality construction, the weight and size of this 200 ampere "Husky Boy" gasoline engine, air cooled arc welder has been designed to meet general shop and outside repair work. Suitable for emergency service use on pickup trucks, or wherever lightweight, compactness, and low investment are of prime consideration. For convenience when used in the shop, wheels and handles, which easily bolt to the unit, are available at slight extra cost.

Model Number	Generator Rating		Welding Range (Amps.)	Aux. Power (D.C.)	Engine Wisconsin Air Cooled	No. of Cyls.	Pist. Disp.	B.H.P. 2200 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt.									L	W	H	
GW-222-S	200	25	30 to 220	2KW	TF	2	53.9	13.2	7½	✓	38"	21¼"	35½"	545
GW-223-S	200	25	30 to 220	2KW	TF	2	53.9	13.2	7½	✓	38"	21¼"	35½"	600

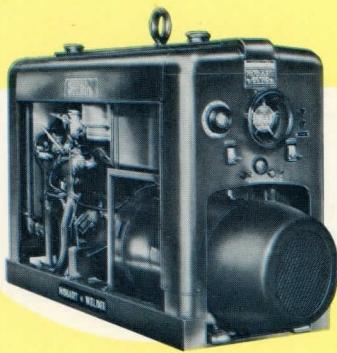
Model GW-222, Magneto Ignition and Hand Crank; GW-223, Battery Ignition and Self Starting.

250 AMPERE DC AIR COOLED GAS ENGINE DRIVEN ARC WELDERS

This "Big Brother" of the famous Hobart "Husky Boy" brings you additional engine power to make full use of the generator capacity on jobs that call for the higher current value. If your work calls for something "in between" the Hobart "Husky Boy" and the Hobart "Pipeliners" here it is. This unit can also be used to provide DC electric power when not in use for welding.

Model Number	Generator Rating		Welding Range (Amps.)	Aux. Power (D.C.)	Engine Wisconsin Air Cooled	No. of Cyls.	Pist. Disp.	B.H.P. 2200 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt.									L	W	H	
GW-253-S	250	30	30 to 275	2KW	VF4	4	107.7	23	7½	✓	45"	24"	38½"	610
GW-254-S	250	30	30 to 275	2KW	VF4	4	107.7	23	7½	✓	45"	.24"	38½"	650

Model GW-253, Magneto Ignition and Hand Crank; GW-254, Battery Ignition and Self Starting.



250 AMPERE "PIPELINER" GAS ENGINE DRIVEN ARC WELDER

Specially designed to meet exacting requirements of pipe line welding. Compact light weight for easy handling, but with a hot, fast arc and plenty of engine power, to keep production ahead of schedule. Hobart Modified Multi-Range design, comes with all essential features. Suitable also for applications calling for capacity "in between" standard 200 and 300 welders.

Model Number	Generator Rating		Welding Range (Amp.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt								L	W	H	
GPB-257-S	250	40	30 to 325	Willys	4	134.2	35.5	25	4	63 1/4"	24"	45"	1215
GPB-258-S	250	40	30 to 325	Willys	4	134.2	35.5	25	4	63 1/4"	24"	45"	1290

NOTE: Model GPB-257 Magneto Ignition and Hand Crank. Model GPB-258 Battery and Self Starting. Model GPB-260 same as GPB-257 and Model GPB-261 same as GPB-258 but both equipped with side panels and reverse polarity switch.

300-400-600 AMPERE GASOLINE ENGINE DRIVEN ARC WELDERS

For speedy low cost welding in the field when electric power is not available. They give you faster, more perfect welding work on every job, large or small, than you ever thought possible. Operating costs are lower when you use these exceptional Hobart Welders. Equipped with 1 K.W. DC auxiliary power outlet.

Model Number	Generator Rating		Welding Range (Amp.)	Aux. Power (D.C.)	Engine Chrysler	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H	
GB-317-S	300	40	40 to 400	1 KW	Ind. 30	6	230.2	63.5	25	5	76 1/2"	24"	45 1/2"	1750
GB-318-S	300	40	40 to 400	1 KW	Ind. 30	6	230.2	63.5	25	5	76 1/2"	24"	45 1/2"	1750
GL-418-S	400	40	50 to 500	1 KW	Ind. 32	6	265	75	25	5	76 1/2"	24"	45 1/2"	1880
GM-618-S	600	40	70 to 800	1 KW	V-8	8	331.1	105	40	7 1/2	86 1/4"	30"	56 3/8"	3200

Model GL-317, Magneto Ignition and Hand Crank; GL-318, Battery Ignition and Self Starting.

300 AMPERE DIESEL ENGINE DRIVEN ARC WELDERS

For large welding operations, which are remote from the fuel supply base—or for use in localities where gasoline is not readily available. It operates for a considerably greater length of time on a given quantity of fuel than does the gasoline engine. Diesel fuel is also generally less costly than gasoline. In many sections of the U.S., as well as in many countries abroad, these advantages are very important.

Model Number	Generator Rating		Welding Range (Amps.)	Aux. Power (D.C.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1500 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H	
DL-315-S	300	40	40 to 400	1	GM Diesel 2055	2	141.8	48	25	5	76 1/2"	30"	46 1/4"	2475
DL-415-S	400	40	50 to 500	1	GM Diesel 2055	2	141.8	48	25	5	76 1/2"	30"	46 1/4"	2485

Models DL-315 and 415 both equipped with Battery and Self Starter.

300 AMPERE GASOLINE ENGINE DRIVEN ARC WELDER WITH DC AUXILIARY POWER

With 3 K.W. auxiliary DC power generator for jobs in the field where additional auxiliary power capacity is required to operate more lights and more tools of greater power. Your over-all power requirements should determine the amount of auxiliary power you need for your work. DC Auxiliary Power Generators of 3 K.W. capacity are available for factory installation on Hobart Welders.

Model Number	Generator Rating		Welding Range (Amp.)	Aux. Power (D.C.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H	
GHB-3183-S	300	40	40 to 400	3 KW	Ind. 30	6	230.2	63.5	18 1/2	5	76 1/2"	24"	46 1/4"	1750

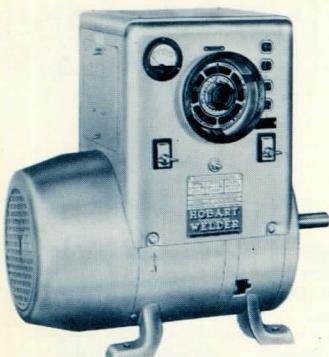
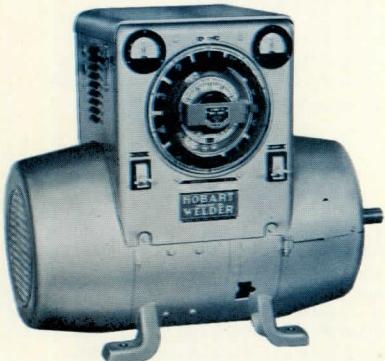
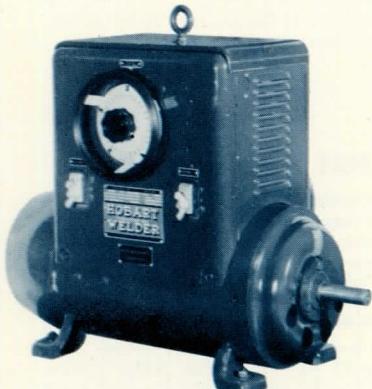
300 AMPERE GASOLINE ENGINE DRIVEN ARC WELDER WITH AC AUXILIARY POWER

With 6 or 12 K.W. auxiliary A.C. power generator for welding and heavy duty auxiliary power requirements in the field where electric power is not available. Furnishes plenty of power for contractors, construction workers and welding contractors. Used to operate electric hoists, elevators, pumps, motors, lights, drills, paint sprays, and many other electric motor driven machines.

Model Number	Generator Rating		Welding Range (Amp.)	Aux. Power (A.C.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H	
GR-3186-S	300	40	40 to 400	6 KW	Ind. 32	6	265	7.5	23	5	93 1/2"	24"	45 3/4"	2435
GR-3182-S	300	40	40 to 400	12 KW	Ind. 32	6	265	7.5	23	5	93 1/2"	24"	45 3/4"	2435

HOBART

**"build your own" generators
and AC transformers**



One of the widest applications of the Hobart generator only is on a portable outfit for job welding service. If you cannot justify an investment in a complete, factory-built portable welding outfit, you can still have one of which you will be proud by simply connecting a Hobart generator only to a good used auto engine. Many customers who have "built their own" show savings of \$300 to \$500 and even more as compared with the cost of complete, factory-built portable gasoline driven outfits.

250 AMPERE ARC WELDING GENERATOR ONLY

For "Building Your Own" gasoline engine welder. You get all the advantages of Hobart Modified Multi-Range Welder performance while making use of your own power unit. Complete, except for motor. Operated either by direct coupling or by means of V-belts and grooved pulley. Flexible coupling available at slight additional cost.

Model Number	Power Required		Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
	Elec.	Gas		Amp.	Volt		L	W	H	
WZ-252-S	10	23	2200	250	30	30 to 275	29 1/8"	18"	25"	300

200-300 AMPERE ARC WELDING GENERATOR ONLY PLUS 1 KW 100 VOLT DC POWER OUTLET

For "Building-Your-Own" Gasoline Engine Drive Arc Welder. With this outfit you can have all the advantages of Hobart Multi-Range Welder performance while making use of your own power unit. Complete in every way, except for motor, it can be operated either by direct coupling or by means of V-belts and grooved pulley. Flexible coupling available at slight additional cost.

Model Number	Power Required		Speed RPM	Generator Rating		Welding Range (Amps.)	Overall Dimensions			Net Wt. Lbs.
	Elec.	Gas		Amp.	Volt		L	W	H	
WBM-218-S	15	30	1800	200	40	30 to 300	41 3/4"	17 3/4"	32"	425
WBM-318-S	20	50	1800	300	40	40 to 400	41 3/4"	19 3/4"	32 3/4"	550

200-300 AMPERE COMBINATION

A.C. Arc Welder and A.C. Power Unit (Generator Only) for "Building-Your-Own" alternating current arc welder and alternating current power units. It lets you operate where no power lines are available, or it can furnish you emergency electric lights and power service in case of normal power supply failure. A simple Output Selector Panel makes it a quick, easy job to change from 110/220 volts to proper values for welding and vice versa.

Model Number	Power Required		Speed RPM	Generator Rating		Welding Range (Amps.)	Power Rating 110 V.	Overall Dimensions			Net Wt. Lbs.
	Elec.	Gas		Amp.	Volt			L	W	H	
WA-2015-S	15	30	1800	200	40	40 to 250	5 KW	30"	18 1/4"	27 7/8"	380
WA-3018-S	20	40	1800	300	40	60 to 375	8 KW	36 7/8"	20 3/8"	30"	500

180-500 AMPERE A.C. TRANSFORMER ARC WELDERS

For shops that have only single phase power supply available, and where the expense of power change-over would be prohibitive. A wide welding range is made possible by an improved and exclusive control method. TL models have remote control.

Model Number	Rated Output			Welding Range (Amps.)	No Load Volt.	Amperes Input at Rated Load 220V	Amperes No Load Input 220V	Capacitor KVA	Dimensions			Net Wt. Lbs.
	Amp.	Volt	Duty Cycle						H	W	D	
TL-182-S	180	25	20%	20 to 180	65	33	11	3	32 1/4"	19"	18 3/4"	240
TL-253-S	250	30	30%	40 to 300	75	48	18	5	32 1/4"	19"	18 3/4"	310
TL-306-S	300	40	60%	35 to 450	80	84	23	5	43 3/8"	21 3/4"	21 5/8"	415
TL-406-S	400	40	60%	40 to 600	80	112	32	7.5	43 3/8"	21 3/4"	21 5/8"	570
TL-506-S	500	40	60%	40 to 750	80	140	42	10	43 3/8"	21 3/4"	21 5/8"	610



HOBART

AC POWER-AC WELDER Combination



200 ampere air cooled ac power—ac welder

Lets you operate where no power lines are available, or it can furnish you emergency electric lights and power service in case of normal power supply failure. A simple Output Selector Panel makes it a quick, easy job to change from 110/220 volts to proper

values for welding and vice versa. This light-weight, compact unit serves a dual purpose, and can be mounted on truck or trailer ready to go to work on a moment's notice. Popular for general service in operating drills, lights, saws, grinders, motors, pumps, etc.

Model Number	Generator Rating		Welding Range (Amps.)	Aux. Power (A.C.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H.	
GW-2114-S	200	30	40 to 250	5KW	Wisconsin VF4	4	107.7	19.5	7½	✓	45"	24"	37 5/8"	800

Note: GW-2114-S equipped with magneto ignition, hand crank, GW-2115-S same but comes with Battery ignition self starting. Portable mountings are optional equipment at slight extra cost.

300 ampere water cooled ac power—ac welder

A dual purpose unit, that can be used for AC power supply or AC welder—in the field—any place where regular power is not available or because of power failures. Saves money, delay and expensive replacement parts on repairs as a welder. Lets you do your

own fabrication work, yet can be quickly and easily changed over to a dependable source of electrical power by simple adjustment of the Generator Output Selector Panel, for operating tools, lights, motors, compressors, pumps, etc.

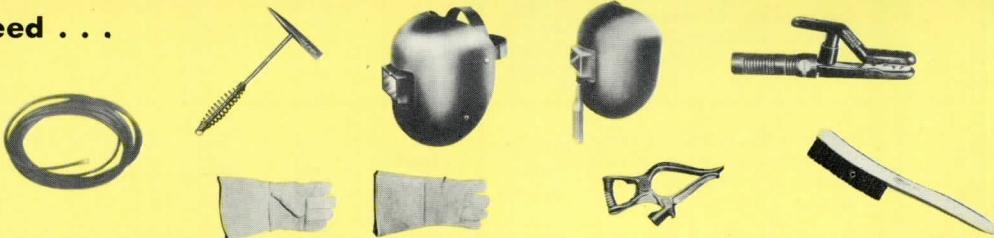
Model Number	Generator Rating		Welding Range (Amps.)	Aux. Power (A.C.)	Engine	No. of Cyls.	Pist. Disp.	B.H.P. 1800 R.P.M.	Fuel Cap. Gal.	Radi. Cap. Gal.	Overall Dimensions			Net Wt. Lbs.
	Amp.	Volt									L	W	H.	
GA-3017-S	300	40	60 to 375	8	Ind. 30	6	230.2	63.5	13.5	5	76 1/2"	24"	45 3/4"	1830
GA-3018-S	300	40	60 to 375	8	Ind. 30	6	230.2	63.5	13.5	5	76 1/2"	24"	45 3/4"	1830

Note: GA-3017-S equipped with magneto ignition, hand crank; GA-3018-S comes with Battery ignition and self starting.

ACCESSORIES and PORTABLE MOUNTINGS

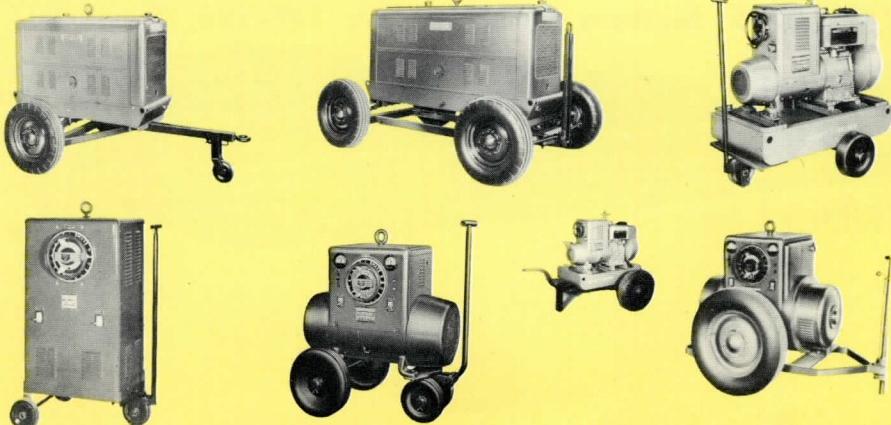
ACCESSORIES for every need . . .

Standard Groups of Welding Accessories include items essential to successful welding. All Hobart accessory items have been time tested and approved and offer you a wide variety to fit your particular needs. Write for complete catalogue and prices.



PORTRABLE MOUNTINGS For every requirement . . .

Portable Mountings for transporting Hobart Arc Welders to the job are available for both gasoline engine and electric motor driven models. Many sizes and types to choose from in two and four wheel style—for road or shop use. Write for complete details and prices.



Hobart welding electrodes

Not only are Hobart Electrodes precision manufactured, they are also rigidly inspected to guarantee you the highest quality electrodes modern machinery can produce. Regardless of the electrode you select, uniform quality is assured. Hobart electrodes enable you to produce superior welds easier, faster, and at lower cost. Boxes are clearly labeled with grade designation, diameter, style number, current and voltage range, polarity and inspection serial number.

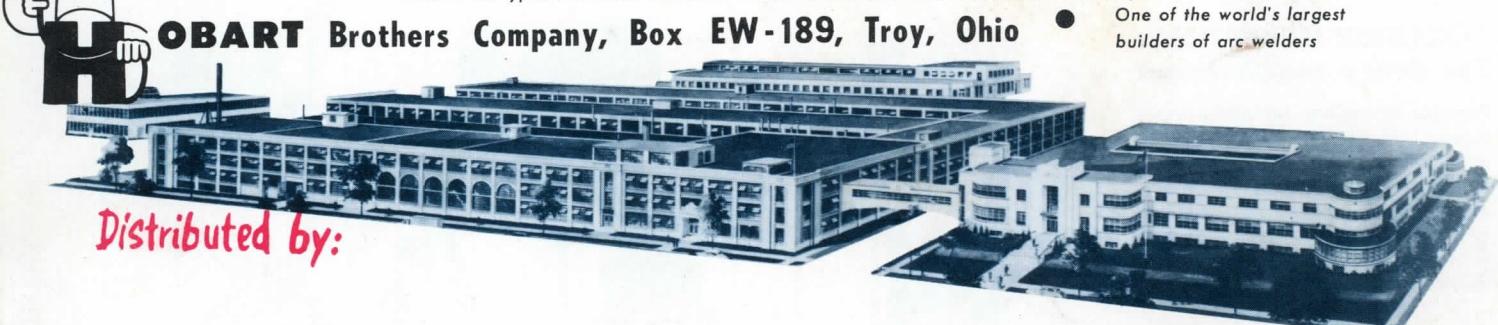
MILD STEEL—HEAVILY COATED

TYPE	GENERAL USE	CURRENT AND POLARITY	COATING COLOR	STANDARD PACKAGE WEIGHT NET	CODE COLOR MARKING		Meets Requirements of		
					END	SPOT	Navy	ASME Boiler Code	Am. Bu. of Shipping Approvals
HOBART 10 (AWS-ASTM) E-6010	For mild steel welding in all positions with d-c reverse polarity only.	D-C Reverse	Brown	50 3/32-25	None	None	Mil-E-15599 ND-E6010 Class 1 & 2	Par. U68 and U69	ASTM-A233-48T
HOBART 335 (AWS-ASTM) E-6011	For mild steel welding in all positions with either a-c current or d-c reverse polarity.	AC or DC Either Reverse Preferred	Light Buff	50 3/32-25	None	Blue	Mil-E-15599 ND-E6011 Class 1 & 2	Nar. U68 and U69	ASTM-A233-45T
HOBART 12 (AWS-ASTM) E-6012	Especially recommended for production work where high speed and low spatter loss are essential. Excellent for general purpose welding and where fit-up is poor.	DC or AC Straight	Tan	50 3/32-25	None	White		Par. U69	ASTM-A233-45T
HOBART 13 (AWS-ASTM) E-6013	For light gauge sheet metal welding where low penetration is essential to prevent burn through.	AC or DC Straight	Reddish Brown	50 3/32-25 5/64-25 1/16-25	None	Brown	Mil-E-15599 ND-E6013	Par. U69	
HOBART 447 (AWS-ASTM) E-6013	An ac-dc electrode that has more penetration and produces a flatter profile than No. 13. It has better physical properties than E-6012 type electrodes. Slag is easily removed.	AC or DC Either Polarity	Gray	50 3/32-25	None	Brown		Par. U69	ASTM-A233-45T
ROCKET 24 (AWS-ASTM) E-6024	Powdered Metal Contact Type. For mild steel welding horizontal fillets and flat grooves only. Makes quality welds at extreme high rate of speed.	AC or DC Either Polarity	Dark Gray	50 3/32-20	None	None			

LOW ALLOY—HEAVILY COATED

HOBART 885 (AWS-ASTM) E-7010	Similar to No. 10 except has minimum tensile strength of 70,000 lbs. stress relieved.	DC Reverse Polarity Only	Green	50	None	Green			ASTM-A233-45T
HOBART 111-HT (AWS-ASTM) E-7020	Similar to No. 111 in use except has minimum tensile strength of 70,000 lbs. stress relieved.	AC or DC Either Polarity	Dark Gray	50	Blue	Green			ASTM-A233-45T

Hobart alloy and specialty electrodes are available for hard surfacing, welding cast iron and stainless steels. } Specifications mailed on request.
Wire of all types and sizes available for automatic and semi-automatic welding. } One of the world's largest
builders of arc welders



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